

Section II
Soil and Site Information

Construction Materials Table 2
Marshall County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AaA: Aastad-----	90	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
AbA: Aberdeen-----	45	Fair Low content of organic matter Water erosion Sodium content	0.50 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.94	Good	
Exline-----	30	Poor Too clayey Sodium content Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.90	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.59 0.91	Poor Too Clayey Sodium content Salinity Depth to saturated zone	0.00 0.00 0.50 0.91
Ar: Arveson-----	85	Fair Carbonate content Low content of organic matter	0.80 0.88	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
AsE: Arvilla-----	60	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.40	Fair Slope	0.92	Poor Too sandy Slope Rock fragments Hard to reclaim	0.00 0.00 0.00 0.50
Sioux-----	25	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.22	Fair Slope	0.92	Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ba: Bearden-----	90	Fair Carbonate content Low content of organic matter Water erosion	0.46 0.50 0.90	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.46 0.91
BdA: Bearden-----	50	Fair Carbonate content Low content of organic matter Water erosion	0.46 0.50 0.90	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.46 0.91
Tonka-----	30	Poor Too clayey Water erosion	0.00 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.69	Poor Depth to saturated zone Too Clayey	0.00 0.00
Be: Marysland-----	45	Fair Low content of organic matter Carbonate content	0.12 0.68	Poor Depth to saturated zone	0.00	Poor Rock fragments Depth to saturated zone Hard to reclaim	0.00 0.00 0.92
Divide-----	40	Fair Low content of organic matter Carbonate content	0.12 0.32	Fair Depth to saturated zone	0.91	Fair Hard to reclaim Carbonate content Depth to saturated zone Rock fragments	0.18 0.32 0.91 0.97
BfA: Beotia-----	90	Fair Carbonate content Water erosion	0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BfB: Beotia-----	90	Fair Carbonate content Water erosion	0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
BhA: Beotia-----	55	Fair Carbonate content Water erosion	0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Bearden-----	35	Fair Carbonate content Low content of organic matter Water erosion	0.46 0.50 0.90	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.46 0.91
BkE: Buse-----	45	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Poor Slope	0.00
Forman-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Poor Slope Carbonate content	0.00 0.97
BkF: Buse-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
Forman-----	20	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope Carbonate content	0.00 0.97

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BmF: Buse-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
Forman-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Slope Shrink-swell	0.22 0.50 0.87	Poor Slope Carbonate content	0.00 0.97
BsE: Buse-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Slope Shrink-swell	0.22 0.82 0.87	Poor Slope	0.00
Sioux-----	35	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.22	Fair Slope	0.82	Poor Slope Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00 0.00
BtE: Buse-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
Sioux-----	40	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.22	Poor Slope	0.00	Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Co: Colvin-----	90	Fair Carbonate content Water erosion	0.46 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Carbonate content	0.00 0.46
Do: Castlewood-----	90	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone	0.00 0.00
EdB: Edgeley-----	90	Fair Depth to bedrock Droughty Water erosion	0.58 0.89 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Fair Depth to bedrock Rock fragments	0.58 0.97
EdC: Edgeley-----	85	Fair Depth to bedrock Droughty Water erosion	0.58 0.89 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Fair Depth to bedrock Rock fragments	0.58 0.97
EdD: Edgeley-----	85	Fair Depth to bedrock Droughty Water erosion	0.58 0.89 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Fair Slope Depth to bedrock Rock fragments	0.37 0.58 0.97
EmA: Embden-----	90	Fair Low content of organic matter	0.50	Good		Good	
EmB: Embden-----	90	Fair Low content of organic matter	0.50	Good		Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EnC: Embden-----	60	Fair Low content of organic matter	0.50	Good		Good	
Buse-----	20	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
EsA: Estelline-----	90	Fair Low content of organic matter Water erosion	0.12 0.90	Good		Fair Hard to reclaim	0.82
ExA: Exline-----	50	Poor Too clayey Sodium content Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.88 0.90	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.59 0.91	Poor Too Clayey Sodium content Salinity Depth to saturated zone	0.00 0.00 0.50 0.91
Aberdeen-----	40	Fair Low content of organic matter Water erosion Sodium content	0.50 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.94	Good	
FoA: Fordville-----	90	Fair Low content of organic matter Too sandy	0.12 0.14	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.18

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FOB: Fordville-----	90	Fair Low content of organic matter Too sandy	0.12 0.14	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.18
FrA: Forman-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Aastad-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
FrB: Forman-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Aastad-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
FrC: Forman-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Aastad-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
FrD: Forman-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Slope Carbonate content	0.37 0.97
Aastad-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
FsC2: Forman-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Buse-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
FsE: Forman-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Slope Shrink-swell	0.22 0.50 0.87	Poor Slope Carbonate content	0.00 0.97
Buse-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Slope Shrink-swell	0.22 0.50 0.87	Poor Slope	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FtD: Forman-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Slope Carbonate content	0.04 0.97
Buse-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Slope	0.04
FxC: Forman-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Poinsett-----	25	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
FxD: Forman-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Slope Carbonate content	0.37 0.97
Poinsett-----	25	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Slope Carbonate content	0.37 0.92

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GbB: Great Bend-----	85	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.97	Poor Low strength	0.00	Fair Carbonate content	0.97
GdA: Great Bend-----	60	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.97	Poor Low strength	0.00	Fair Carbonate content	0.97
Beotia-----	30	Fair Carbonate content Water erosion	0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
GeB: Great Bend-----	70	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.97	Poor Low strength	0.00	Fair Carbonate content	0.97
Zell-----	20	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.97	Good		Good	
GeC: Great Bend-----	65	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.97	Poor Low strength	0.00	Fair Carbonate content	0.97
Zell-----	25	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.97	Good		Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Gp: Orthents, Gravelly--	100	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.29	Poor Slope	0.00	Poor Rock fragments Slope Too sandy Hard to reclaim	0.00 0.00 0.14 0.18
Ha: Hamar-----	85	Poor Too sandy Wind erosion Low content of organic matter Droughty	0.00 0.00 0.12 0.85	Poor Depth to saturated zone	0.00	Poor Too sandy Depth to saturated zone	0.00 0.00
Hd: Hamar-----	90	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.85	Poor Depth to saturated zone	0.00	Poor Too sandy Depth to saturated zone	0.00 0.00
HeA: Harmony-----	60	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Shrink-swell	0.00 0.67	Poor Too Clayey	0.00
Aberdeen-----	25	Fair Low content of organic matter Water erosion Sodium content	0.50 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.94	Good	
HfA: Hecla-----	90	Poor Too sandy Wind erosion Droughty	0.00 0.00 0.92	Good		Poor Too sandy	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HhA: Hecla-----	60	Poor Too sandy Wind erosion Droughty	0.00 0.00 0.92	Good		Poor Too sandy	0.00
Hamar-----	30	Poor Too sandy Wind erosion Low content of organic matter Droughty	0.00 0.00 0.12 0.85	Poor Depth to saturated zone	0.00	Poor Too sandy Depth to saturated zone	0.00 0.00
HvB2: Hecla-----	60	Poor Too sandy Wind erosion Droughty	0.00 0.00 0.92	Good		Poor Too sandy	0.00
Venlo-----	25	Poor Too sandy Wind erosion Low content of organic matter Droughty	0.00 0.00 0.12 0.96	Poor Depth to saturated zone	0.00	Poor Too sandy Depth to saturated zone	0.00 0.00
KbE: Kloten-----	60	Poor Depth to bedrock Droughty	0.00 0.00	Poor Depth to bedrock Slope Low strength Shrink-swell	0.00 0.00 0.22 0.87	Poor Slope Depth to bedrock	0.00 0.00 0.00
Buse-----	20	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Edgeley-----	10	Fair Depth to bedrock Droughty Water erosion	0.58 0.89 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Poor Slope Depth to bedrock Rock fragments	0.00 0.58 0.97
KnA: Kranzburg-----	90	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
KnB: Kranzburg-----	85	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
KnC2: Kranzburg-----	85	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
KrA: Kranzburg-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Aberdeen-----	30	Fair Low content of organic matter Water erosion Sodium content	0.50 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.94	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
KrB: Kranzburg-----	65	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Aberdeen-----	25	Fair Low content of organic matter Water erosion Sodium content	0.50 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.94	Good	
La: Lamoure-----	85	Fair Water erosion Too clayey	0.90 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.94	Poor Depth to saturated zone Too Clayey	0.00 0.99
Lo: Lamoure-----	85	Fair Water erosion Too clayey	0.90 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.94	Poor Depth to saturated zone Too Clayey	0.00 0.99
Lu: Ludden-----	90	Poor Too clayey	0.00	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey	0.00
M-W: Miscellaneous Water-	100	Not rated		Not rated		Not rated	
MaB: Maddock-----	85	Poor Too sandy Low content of organic matter	0.00 0.88	Good		Poor Too sandy	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MaD: Maddock-----	90	Poor Too sandy Low content of organic matter	0.00 0.88	Good		Poor Too sandy Slope	0.00 0.63
Mr: Southam-----	100	Poor Too clayey Carbonate content Water erosion	0.00 0.92 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Depth to saturated zone Too Clayey Salinity	0.00 0.00 0.88
Od: Oldham-----	90	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.59	Poor Too Clayey Depth to saturated zone	0.00 0.00
Oh: Oldham-----	90	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.59	Poor Too Clayey Depth to saturated zone	0.00 0.00
Or: Orthents, Loamy-----	100	Fair Too clayey	0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.93
Pa: Parnell-----	85	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.16	Poor Depth to saturated zone Too Clayey	0.00 0.00

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PeA: Peever-----	90	Fair Low content of organic matter Too clayey Sodium content Water erosion	0.12 0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey Sodium content	0.08 0.98
PeB: Peever-----	90	Fair Low content of organic matter Too clayey Sodium content Water erosion	0.12 0.12 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey Sodium content	0.08 0.98
PeC: Peever-----	90	Fair Too clayey Low content of organic matter Sodium content Water erosion	0.12 0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey Sodium content	0.08 0.98
PhA: Peever-----	50	Fair Too clayey Low content of organic matter Sodium content Water erosion	0.12 0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey Sodium content	0.08 0.98
Hamerly-----	25	Fair Carbonate content Water erosion	0.80 0.99	Fair Low strength Shrink-swell Depth to saturated zone	0.22 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.80 0.91

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pm: Playmoor-----	85	Fair Salinity	0.88	Poor Low strength	0.00	Poor Depth to saturated zone	0.00
		Sodium content	0.97	Depth to saturated zone	0.00	Salinity	0.00
				Shrink-swell	0.87		
PoB: Poinsett-----	50	Fair Low content of organic matter	0.88	Poor Low strength	0.00	Fair Carbonate content	0.92
		Water erosion	0.90	Shrink-swell	0.87		
		Carbonate content	0.92				
Forman-----	30	Fair Low content of organic matter	0.12	Fair Low strength	0.22	Fair Carbonate content	0.97
		Carbonate content	0.97	Shrink-swell	0.87		
		Water erosion	0.99				
PwA: Poinsett-----	55	Fair Low content of organic matter	0.88	Poor Low strength	0.00	Fair Carbonate content	0.92
		Water erosion	0.90	Shrink-swell	0.87		
		Carbonate content	0.92				
Waubay-----	35	Fair Low content of organic matter	0.50	Poor Low strength	0.00	Good	
		Water erosion	0.90	Shrink-swell	0.87		
		Carbonate content	0.97				
PwB: Poinsett-----	60	Fair Low content of organic matter	0.88	Poor Low strength	0.00	Fair Carbonate content	0.92
		Water erosion	0.90	Shrink-swell	0.87		
		Carbonate content	0.92				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Waubay-----	25	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.87	Good	
RfA: Renshaw-----	55	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.80	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
Fordville-----	35	Fair Low content of organic matter Too sandy	0.12 0.14	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.18
RfB: Renshaw-----	65	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.80	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
Fordville-----	25	Fair Low content of organic matter Too sandy	0.12 0.14	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.18
RfC: Renshaw-----	65	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.80	Good		Poor Rock fragments Hard to reclaim Too sandy	0.00 0.08 0.14
Fordville-----	20	Fair Low content of organic matter Too sandy	0.12 0.14	Good		Poor Rock fragments Too sandy Hard to reclaim	0.00 0.14 0.18

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Sa: Minnewaukan-----	90	Poor Wind erosion Too sandy Low content of organic matter Droughty	0.00 0.16 0.50 0.69	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Too sandy Rock fragments	0.00 0.16 0.88
SdD2: Serden-----	90	Poor Too sandy Wind erosion Low content of organic matter Droughty	0.00 0.00 0.12 0.17	Good		Poor Too sandy Slope	0.00 0.04
SeB: Serden-----	50	Poor Too sandy Wind erosion Low content of organic matter Droughty	0.00 0.00 0.12 0.17	Good		Poor Too sandy	0.00
Venlo-----	35	Poor Too sandy Wind erosion Low content of organic matter Droughty	0.00 0.00 0.12 0.96	Poor Depth to saturated zone	0.00	Poor Too sandy Depth to saturated zone	0.00 0.00
ShD: Sieche-----	85	Poor Too clayey Low content of organic matter	0.00 0.12	Poor Low strength Shrink-swell	0.00 0.72	Poor Too Clayey Slope	0.00 0.63

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ShF: Sieche-----	85	Poor Too clayey Low content of organic matter	0.00 0.12	Poor Slope Low strength Shrink-swell	0.00 0.00 0.00 0.72	Poor Slope Too Clayey	0.00 0.00
SkA: Sinai-----	95	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Shrink-swell	0.00 0.00	Poor Too Clayey	0.00
SkB: Sinai-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Shrink-swell	0.00 0.00	Poor Too Clayey	0.00
SkC: Sinai-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Shrink-swell	0.00 0.00	Poor Too Clayey	0.00
SmE: Sioux-----	75	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.22	Poor Slope	0.00	Poor Slope Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00 0.00
Arvilla-----	20	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.40	Fair Slope	0.50	Poor Slope Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00 0.50
Su: Stirum-----	65	Fair Low content of organic matter Sodium content Carbonate content Salinity	0.12 0.22 0.46 0.97	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Salinity Carbonate content Sodium content	0.00 0.00 0.46 0.60

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ulen-----	25	Poor Too sandy	0.00	Fair Depth to saturated zone	0.53	Poor Too sandy	0.00
		Low content of organic matter	0.12			Depth to saturated zone	0.53
		Carbonate content	0.80			Carbonate content	0.80
SwA: Swenoda-----	90	Fair Low content of organic matter	0.50	Poor Low strength	0.00	Good	
		Water erosion	0.90	Shrink-swell	0.99		
		Carbonate content	0.92				
SwB: Swenoda-----	90	Fair Low content of organic matter	0.50	Poor Low strength	0.00	Good	
		Water erosion	0.90	Shrink-swell	0.99		
		Carbonate content	0.92				
SxA: Swenoda-----	65	Fair Low content of organic matter	0.50	Poor Low strength	0.00	Good	
		Water erosion	0.90	Shrink-swell	0.99		
		Carbonate content	0.92				
Larson-----	25	Fair Sodium content	0.22	Poor Low strength	0.00	Fair Sodium content	0.60
		Low content of organic matter	0.50	Shrink-swell	0.87	Carbonate content	0.80
		Carbonate content	0.80			Salinity	0.88
		Salinity	0.88				
		Water erosion	0.99				
To: Tonka-----	90	Poor Too clayey	0.00	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
		Water erosion	0.90	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.69		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Uf: Ulen-----	85	Poor Too sandy Low content of organic matter Carbonate content	0.00 0.12 0.80	Fair Depth to saturated zone	0.53	Poor Too sandy Depth to saturated zone Carbonate content	0.00 0.53 0.80
Us: Ulen-----	50	Poor Too sandy Low content of organic matter Carbonate content	0.00 0.12 0.80	Fair Depth to saturated zone	0.53	Poor Too sandy Depth to saturated zone Carbonate content	0.00 0.53 0.80
Stirum-----	30	Fair Low content of organic matter Sodium content Carbonate content Salinity	0.12 0.22 0.46 0.97	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Salinity Carbonate content Sodium content	0.00 0.00 0.46 0.60
Va: Vallars-----	80	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Depth to saturated zone Low strength	0.00 0.22	Poor Depth to saturated zone Carbonate content	0.00 0.95
W: Water-----	100	Not rated		Not rated		Not rated	
Wa: Rauville-----	95	Fair Too clayey	0.88	Not Rated Depth to saturated zone Shrink-swell	0.00 0.87	Poor Depth to saturated zone Too Clayey	0.00 0.86

